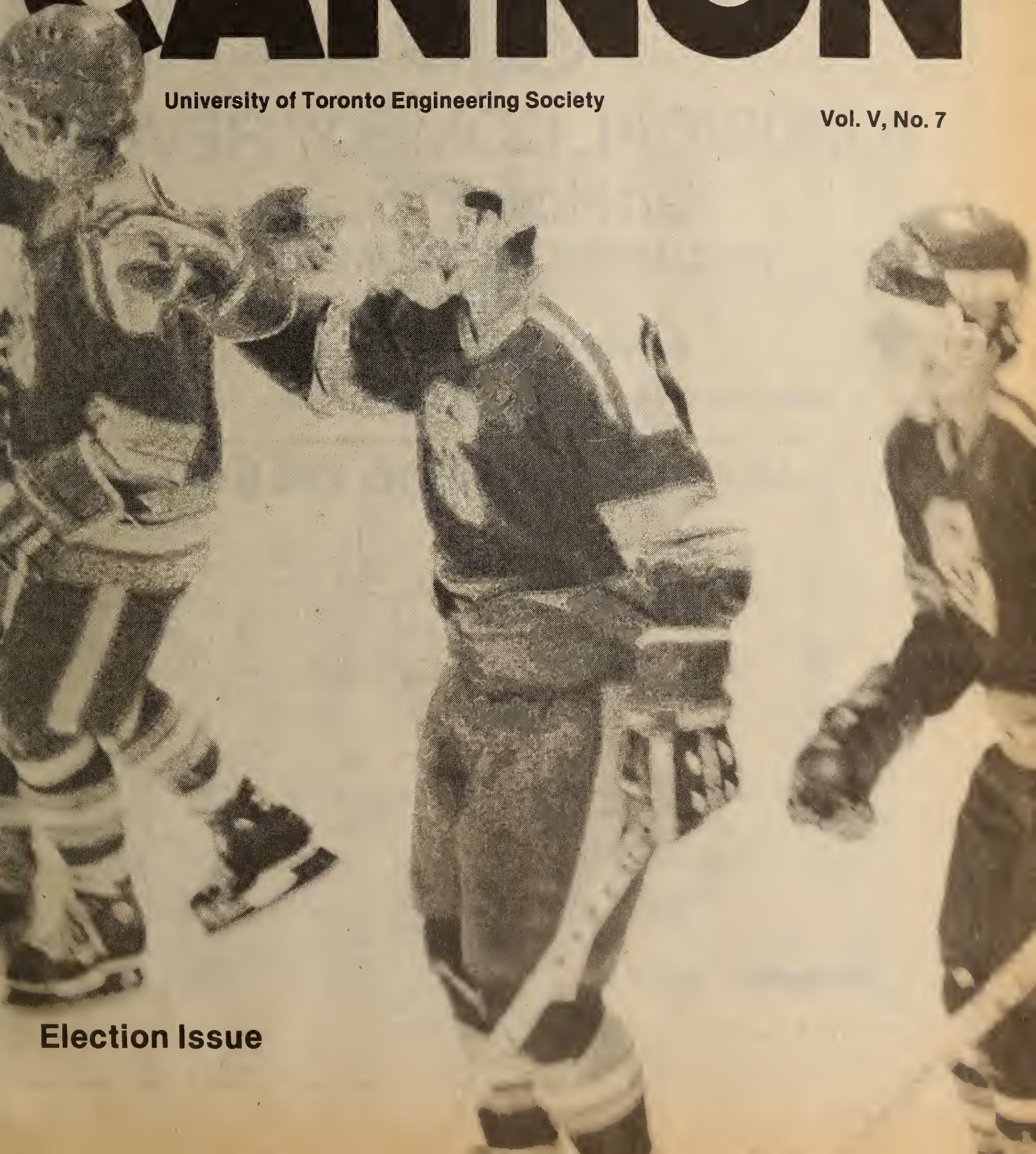


the

CANNON

University of Toronto Engineering Society

Vol. V, No. 7



Election Issue

SKULE NITE

8/3

A MUSICAL COMEDY REVUE

Hart House Theatre

Wed. March 9 to Sat. March 12

8:30 p.m.

Special Sat. Matinee 2:00 p.m.

Tickets available for all 5 performances at Hart House Theatre, 978-8668

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THE CANNON is a publication of the University of Toronto Engineering Society. It is published monthly to announce Eng. Soc. events, discuss Faculty and University matters, and present technical information of interest to Engineering undergraduates. Subscriptions are available, call Elia at 978-2917. Anyone interested in helping with THE CANNON is most welcome.

THE CANNON encourages submissions; please type or write legibly. Deadline for articles is one week before publication date, notices and letters by 5:00 p.m. the Friday prior to publication. Comments on THE CANNON or articles appearing in it are appreciated. The editors reserve the right to edit letters for brevity.

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U of T Radio

Last summer, the U of T Radio facilities were renovated by one of our engineering students—Lewis Kaiserseider. Here, Lewis describes the project.

page 5

Second Mile Engineer of 1983

Pat Garces, Eng. Sci. 8T3, President of the New College Student Council, received the 3T5 Second Mile Engineer Award. A coveted prize, Pat is to be congratulated on his outstanding achievement.

page 7

CED101S Cancelled

The most popular first year technical elective has been dropped from the undergraduate curriculum.

page 10

Engineering Society Elections!

Everything you wanted to know about the candidates but were afraid to ask.

page 11

In Every Issue

Letters to the Editor

Calendar

President's Message

Engineering Athletics

page 4

page 12

page 10

page 15

Editor's Notes

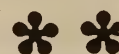
This is the election *Cannon*. Yes, while you may be taking all your mid-terms in stride and enjoying the spring sunshine on the various benches littering the campus, there are innumerable crazed student politicians gearing up for the many campus elections. Within a hectic two week period we will be called upon, as conscientious members of the undergraduate community at U of T, to choose our representatives to the Student's Administrative Council, the President and Vice-Presidents of this same council, more representatives to the Governing Council, representatives to the Engineering Society and the executive of the Eng. Soc.

It never surprises me that

voter turn-out for the student elections rarely surpasses 30%, as information on the various candidates is sparse. There do seem to be a select few who know who should be in control of our government because I read their heated debates in the *Varsity* and the *Newspaper*. With so many elections happening at the same time it would take a Herculean effort to try and get a grip on the people who would be good (or even adequate) representatives. Yet, it can be done. Although the University of Toronto is a large institution you might be surprised at the number of people you know who have information which may help you exercise your voting rights competently.

This is especially true for our own Engineering Society

elections. In this issue of the *Cannon* you will find many statements by various candidates. Thus, in our small way we have tried to provide you with something which can get you started in your quest for information. These candidates will also be visiting your classes at some stage during this the coming week. This is your chance to ask them questions concerning specific issues on campus and within the faculty. Again, remember that you have the opportunity to get information through colleagues - if you are in first year maybe you know an upperclassman who could fill you in on the election news. This can be a reliable and accurate source - so use it!



Letters to the Editor

Nuclear Disarmament

I was under the impression that the purpose of the *Cannon* was to keep us informed of developments in the Faculty of Engineering and technical advances in the field of engineering itself. Personally, I fail to see what the nuclear disarmament issue has in common with the \$100 incidental fee and outdated computer facilities. (and the bashing thereof).

With regard to the article itself, it was erroneous in many places, the most notable being the assumption that 'engineers and the peace movement are on opposite sides'.

An engineering student can come to his/her own

conclusions in a matter such as this. To suggest that all engineers follow one single line of thinking (as was done several times in the article) is an insult to our intelligence. In the Faculty of Engineering one can find opinions covering the whole spectrum on any issue.

As for not being on the side of peace, I have yet to see any pro-war posters in the engineering buildings. Everyone here is in favour of peace, but peace can be maintained in a variety of ways. One way to maintain in a variety of ways.

One way to maintain peace is to convince everyone to get rid of their weapons. This is highly improbable given the track record of countries, like the USSR, who allocate large portions of their budgets to military expenditures. It is highly unlikely that the USSR

would dismantle its army which has served so well in its invasions of Hungary, Czechoslovakia and Afghanistan. As long as one country has an army and uses it, other countries must be prepared to defend themselves.

There is, however, a proven method of maintaining peace, that of keeping a strong deterrent force. No country will even attack another if it knows it has a good chance of not succeeding. Before the Falklands war the only defense maintained by England was at most, a 'neighbourhood watch' program. The lack of defense made it a tempting target for Argentina, encouraging Argentina to send in its army. Would Argentina have occupied the Falklands if England

continued on page 6

A Tour of the U of T Facilities On The Radio

Lewis Kaiserseder
Mech III
Former project engineer
U of T Radio

In March 1982, students at the University of Toronto voted in favour of developing their own campus radio network. The vote was won by a simple majority, and guaranteed funding for three campus stations. While all three campuses had existing stations, the main St. George facility had fallen into severe disrepair, and was in need of major restructuring to suit its future purpose as a full power FM station.

While many campuses have student operated radio stations (one of them full power), U of T Radio had decided to perform a Canadian first; to have the entire facility engineered by students, from floor architecture to electronic system design. The objectives were to design the facility to professional standards while keeping the capital costs to a fraction of what they otherwise would be. This article is about the largest capital project that Canadian students tackled entirely on their own.

Examination of any industrial or commercial construction project reveals that construction takes place under one of two conditions. The first is when the project is designed, then costed, then built. The second is when construction begins well before the final designs and costs are worked out. This latter category is a more difficult one for the engineer to deal with, and the one that U of T Radio fell into.

Aside from its poor condition, an examination of the existing facility revealed many shortcomings. The floor layout was only making use of 74% of the available space. Logistics of

use were poor, as were traffic flow and security. Lighting and ventilation were inadequate. Many features were deemed inadequate for broadcast purposes. The first step was to analyse space requirements and to architecturally design the station. The layout was to provide a recording studio, production control room, a vocal studio, an on air control room, and a record library. This was to be done with minimum costs and construction time. The proposed layout not only provided the required spaces, it made 100% use of the available space, improved traffic flow and user logistics, security and emergency exits.

Calculations were made regarding heating and ventilating, noise transmission between rooms and vibration isolation between floors. Extensive calculations were made on room geometry and acoustics, designed to give each room a uniform and pleasing tonal quality. Other design considerations were electrical power distribution, lighting, cable trays and window placement. Windows used hemholtz resonators, designed to eliminate any resonant frequencies caused by the window vibrating as a membrane. These design features are special to the broadcast industry and are normally very expensive to include. Since the designs were produced by students, these features were incorporated into the construction with a minimum additional cost.

An analysis was made of the station's proposed programming format. The equipment to be used and how it is installed is very dependant on what type of 'on air' (live) and 'produced' (recorded) material the station wishes to create. The overall objectives of the station thus dictated the system design at

large. The standard industrial procedure of formal price enquiry and technical specifications was used for the major equipment purchases. The largest of these was a custom built sixteen channel production console worth \$14,000.

Care was taken in the audio system design to ensure that all equipment would function with maximum flexibility and reliability. Another objective was the U of T Radio's audio quality would be at least as good as any commercial radio station's when it broadcasts FM.

Ergonomics were an important consideration, not only in the location of equipment but also in colour coding switches and lights, to prevent operator error while on air. Warning systems and 'foolproof' control logic of the equipment dictated the design of extensive amount of DC control circuitry employed in the studios. Most functions are relay operated, although there are two designs in progress for automatic devices using CMOS'. Many control devices were custom built in the station's own electronic workshop.

While the main goal is to obtain an FM license, an important area of design was the on campus distribution system. The system will provide programming to many cafeterias, common rooms and residences across campus. The network of steam tunnels under campus are capable of feeding up to 60 broadcast locations, and access remote feeds from places like Varsity Stadium. A major problem was finding a cable route from the station on St. George St. to the nearest tunnel under Trinity College. Blueprints were filed with City Hall and Toronto Hydro. The engineer had to be wary of such problems as Interference with existing

utilities in the buried sections and working clearances in the aerial sections. There is a total of four miles of cable in the system outside of the station itself. The first group of twenty-two locations will be put into service using 11 heavy duty audio amplifiers constructed in house. These amplifiers will drive a total of 124 loudspeakers.

Loudspeaker design was one of the most successful achievements. Three computer programs were written based on an analysis of a two degree of freedom vibrating mass-spring system. Mechanical parameters such as cone moving mass and suspension compliance were measured in house. Two of the programs produced graphical results which helped the designer select (among over 40 on the market) the theoretically best sounding speaker

available. The third program was used to assist in the design of the loudspeaker enclosure. Jigs and fixtures were designed to facilitate in fabricating the cabinets. A production line was used to minimize assembly cost and assembly time.

The advantage of engineering one's own project showed in the final price tag. \$67,000 was spent in the Phase I development. Had labour been contracted out and all commercial devices purchased the facility would have run an unfeasible bill of over \$160,000.

Engineering for Phase II will begin in May. It will involve the installation of a 20 kW transmitting plant. The work will range from inspecting structural steel drawings of the tower site to specifying the transmitter to designing a cooling system for the above. There will be continuing work in the electronics

system design for monitoring and logging, and an STL link. Another project for the 1983 year is the installation of a computer. The major application will be in program logging, scheduling and scheduling filing.

The objective (being that the station is student run) is to eliminate as much of the tedious paperwork as possible. U of T Radio will be the first station in Canada to use a computer for this purpose.

It is hoped that engineering students will use U of T radio as an opportunity to combine learned theory with useful practice. Some topics are suitable for thesis work. Three theses so far have been generated in the station. There are few other extra-curricular activities which relate to engineering academics so well.

And it's (almost) as much fun as playing in the band.

continued from page 4

maintained a small military presence there? It is not likely; military presence would have warned everyone that England was not going to give up these islands without a fight. This is only one of the many examples which show that a strong deterrent force can prevent a military occupation or invasion, therefore maintaining peace.

If the author of the article wonders why engineers are not jumping on the disarmament bandwagon, it may be that we realize that a weak defense invites attack. Maintaining a

strong defense will discourage attack, which is the best way of maintaining peace.

Tony Kasper
MMS 8T6

Open Letter To Engineers

To my mind there is only one issue, although it has many aspects. This issue is the quality of our education, which encompasses both academic and non-academic facets.

Firstly, Prof. B. Kidd and others, unpopular enough for

their misguided stand on some of our nationally ranked sporting teams, are of the opinion that the Ontario Human Rights Code is not good enough for the students on this campus. It is their belief that the administration is the proper body to rule on student behaviour and not our judicial and legislative bodies. They feel that student groups and their affiliates that do not conform to this as yet nebulous 'code of behaviour' will have their funding adversely affected or even withheld. As it applies to Skule, this proposal is

continued on page 14

GRAD BALL

CLASS OF 8T3

Saturday, March 19

Downtown Holiday Inn

Tickets available from Club Chairmen

"A CLASS EVENT"

New College Prez. Honoured

Second Mile Engineer Award

Mr. Pat. B. Garces, President of New College, is this year's winner of the 3T5 Second Mile Engineer Award. This honour has been awarded annually since 1944 to a fourth year engineering student whose accomplishments and extra-curricular contributions are considered outstanding.

All students who applied for the award were expected to outline their activities throughout their undergraduate years, as well as explain their concept of "going the second mile". The awards committee was particularly pleased with this year's response from excellent applicants.

Pat Garces, a fourth year Engineering Science student, as well as being this year's New College Student Council President, has been involved in many aspects of U of T life. Pat sits on the New Edition Board of Directors, was the 1st Vice-President of the 1981-82 New College Student Council, photographed for the 1981-82 New College yearbook and was the editor of the same yearbook the year before. On top of all this Pat manages to play volleyball and squash for New College. His many interests include photography, camping, canoeing, cycling, biking, hiking and reading. All this and an 'A' student too!

At the present time, Pat has plans to attend Graduate School in the area of Geo-physics, including mineral and oil exploration. Last summer, Pat Worked for Chevron in their Gravity Department of the Frontier section undertaking work in this area of oil exploration. He has plans this summer to work for Shell Canada in the Processing Department before beginning his graduate work.


The Second Mile Engineer Award is considered one of the most prestigious. All previous winners have continued to travel the "Second Mile" and consequently have done extremely well in their careers. One former winner was Bill Daniel (4T7) who is now the President of Shell Oil and an Officer of the Order of Canada. 1985 will see the 50th

anniversary of the Class of 3T5 and to commemorate this event there will be a dinner held of all the winners. The dinner at which Pat received his award this year was held on February 9th in the Music Room at Hart House. Here Pat, Dean Slemon and Professor Boocock (chairman of the Awards Committee) gave speeches to those attending the dinner. Congratulations, Pat!



Call for 'Labatt's Blue'

MARCH

Sunday	Monday	Tuesday	Wednesday
		1	2
6	7	8 	9 <i>Skule Nite</i>
13	14 <i>2nd & 3rd Year Elections</i>	15 <i>Deadline for Governing Council Elections 2nd & 3rd Year Elections Lecture: Dr. D.W. Hoeppe Education in Engineering</i>	16 <i>SAC Election</i>
20	21	22	23
27 <i>Broomball Tournament Varsity Arena</i>	28	29	30

day	Thursday	Friday	Saturday
	3	4 <i>S.F. Pub</i>	5 <i>Rites of Spring Pub</i>
	10 <i>Skule Nite Eng. Soc. Elections</i>	11 <i>Skule Nite Eng. Soc. Elections S.F. Pub</i>	12 <i>Skule Nite</i>
	17 <i>SAC Elections</i>	18 <i>Brass Magic noon, Sandford Fleming Atrium S.F. Pub</i>	19 <i>Graduation Ball</i>
	24 <i>Old and New Eng. Soc. Council Mtg.</i>	25 <i>S-Dance Plaza II Hotel Broomball Tournament Varsity Arena S.F. Pub</i>	26
	31		

President's Message

Reading week comes fast and goes faster as I am sure that most of us can testify too. These next few weeks are the most hectic for me. Somehow I am not so sure that reading week is a good idea. It seems to me that the Professors use it as an excuse to pile up even more work. They comfort their consciences by telling us that we have reading week to do it. Naturally, as per usual, they forget that there are 5 others doing the same thing.

Enough about reading week!

On to more important business. As I have conveyed to you in the past, you should realize that the review of the Special Incidental Fee should be of particular concern to you. The committee has met once already and it will meet again on March 2. At this meeting, the committee will make recommendations to the Dean as far as allocation of funds are concerned and a vote will be taken as to whether the com-

mittee recommends the continuation of the fee. The result of this vote will then be tabled at the Engineering Society meeting of March 3. The Engineering Society Council will have the final word as to whether the Fee continues next year. I feel that it is imperative that you take the time to find out what was done with your money, and that you let your feelings be known to your class representatives.

Concerning Computing... Well folks, because of the initiatives taken on your behalf by the Engineering Society, chances are very good that Engineering will have a second VAX 780 up and running by September of next year. At present, in the University's budget proposal, is the recommendation of giving Engineering a second VAX. This is a lot further than we would have been had we not let our feelings be known. I hope that those on Governing Council at Simcoe Hall will realize that the

need is drastic. I stress the word "need" here as opposed to "want". In a meeting last week including myself and Dr. Jackson of U of T computing services, among others, we discussed the possibility of placing a second printer in the Hi-Speed terminal room at the Engineering Annex. If a second printer were to be installed, the line ups would be reduced substantially. There is very little chance of obtaining a second card reader (card eater is more like it). However, we have communicated to Dr. Jackson our extreme displeasure in the way in which the Hi-Speed is operated.

As a final note, I hope that all you fourth years out there get out and go to the Grad Ball. It promises to be an unforgettable event. To all, don't let the work bog you down as there are still quite a few events left in the term.

See you at SKULE NITE!

Engineering Design Course Dropped

A recent decision by the faculty to drop the popular first year Engineering Design course, CED101S, may be overturned. The movement to cut the course has been conducted quietly over the last year, but almost exploded when brought up by Eng. Soc. President Wayne Levin at the January meeting of the Faculty Council.

Response to the proposed cutting of the course has been almost universal condemnation. Despite the 33-20 vote on a motion to have the reasons for cutting the course made known, many professors have expressed shock and dismay at the loss of such a well received course.

The justifications for canning CED101S are complex. Several professors, such as Civil Chairman Professor Heinke, feel strongly that engineering design has no proper place in first year studies. Several other professors want to get away from the common first year concept and find that CED101S is an obstacle in the way of an option offered from their own department.

The design course is offered from the Cockburn Centre for Engineering Design. It has had full enrollment with many students turned away since its inception in the early 1970's.

Recent actions by the Engineering Society and the first year

CED101S class have been well received. The motion at council to examine the reasons for cutting the course passed because of the presence of 27 class representatives. The first year class has submitted a petition to the faculty expressing their concern.

The decision to cancel the course may be overturned at the May general meeting of the Faculty Council. A strong turnout of class reps could guarantee the passage of any motion to keep the course.

Students who would like to see CED101S continued should make their feelings known to their class reps and department chairmen.

ELECTIONS!

The opinions expressed in the election statements are not necessarily those of the Cannon or the Engineering Society.

Barry Levine, Peter Watler Part of Experienced Team Leadership for Skule

As it happens every year, engineering students are called upon to elect an executive for the following school year. As students, we have the ability to shape our university's environment, both socially and academically. This turns out to be no simple task as students have varied interests and bureaucratic university administration to contend with. An executive must have the experience and spirit to be able to effectively promote social activities and represent engineering students on issues that may affect their futures.

Recent events such as the keybunch bash have demonstrated the need for an executive to be capable of more than simply running pubs, although that is not to say that social events are not an important part of Skule life. One hardly needs to be reminded that Skule spirit is renowned throughout the university. How is all this possible? Only an executive with abundant experience and spirit can continue and surpass the successes of the Engineering Society to date. On March 10th and 11th, elect Barry Levine, Andrew Alberti, Peter Watler, Greg Dow and Alla Linetsky.

Barry Levine
President

The President of the Engineering Society must be thoroughly familiar with the Society's workings and the issues facing it, in order to effectively coordinate the

Society's affairs and represent its students. Barry Levine is presently the longest-standing member of the Society's executive, with three years of experience behind him. As First Year Chairman, he won the

engineers maintain and improve their reputation as campus leaders. Acting on behalf of engineers is an important function of the President, especially in these times of economic difficulty, when



L. to R. Greg Dow, Andrew Alberti, Barry Levine, Peter Watler, Alla Linetsky.

Engineering Society Centennial Award for outstanding participation in the Society. The following year he was treasurer of the Society, which allowed him to gain vast insight into the administrative aspects of the Society. Presently, Barry is Communications Chairman and Advertising Manager for the Society's five publications. Besides overseeing the progress of these publications and selling all advertising space, Barry has contributed extensively to the production of the Cannon, the Toike and the Skule Calendar, including typesetting, layout, writing and the recent editorship of the Toike Oike.

Barry feels it is important that

undergraduates are first to receive the short end of the stick. Barry's experience and enthusiasm towards Engineering Society affairs make him an excellent candidate for President of the Engineering Society.

Peter Watler
Vice-President Activities

The responsibilities of the Vice-President Activities include organizing and overseeing many of the activities of the Engineering Society. The position is one which demands dedication, organization and the ability to manage events successfully. Peter Watler has been involved in many Engineering

Alberti, Dow and Linetsky

Round Out the Team

Society activities which have provided him with the experience and knowledge required to be Vice-President Activities.

Under Peter's chairmanship, the High School Liaison Committee organized successful Faculty tours and high school visits, which left students well informed about engineering.

Throughout the year Peter was active on the Shinerama Committee, and aided with several events organized by the Blue and Gold and V.P. Activities which include Orientation, Homecoming and Float Building, Boat Races, the Common Room Marathon and many Pubs. He also organized Engineering's first winter rugby team.

Peter would like to combine his experience and enthusiasm to ensure the smooth operation of the Society's activities. As V.P. Activities, he would ensure a fulfilled year with regular Pubs, the continuation of Godiva Week, an improved Oktoberfest in addition to new exciting activities such as a beer Homebrewing contest. For an exciting and event-filled year, elect Peter Watler Vice-President Activities.

Andrew Alberti
Vice-President Administration

The Vice-President Administration is responsible for writing budgets, running elections and keeping the constitution up to date. As treasurer, Andrew Alberti understands the Society's finances and has helped write the budgets. As chairman of last years SAC elections committee he has experience running elections. Andrew was also a member of the constitution committee when the current constitution was written, and has been involved in most revisions since. More important however is the

V.P.'s key role in the Society leadership, dealing with the faculty and with outside groups. As a member of the Society's executive committee for two years, the Faculty's executive committee for one and as Treasurer, Andrew has a keen understanding of what makes the Society, and the Faculty run. He is also experienced in dealing with the Faculty. As a SAC director for one and a half years he is aware of the problems that exist in SAC when it comes to Engineering. Andrew believes that the Society needs to be strong in its dealings with other student groups, the Faculty and the University. He is running as part of a strong experienced ticket hoping to lead a strong Engineering Society in the year to come.

Gregory Dow
Treasurer

The responsibility of the Treasurer's position lies solely in the conducting of the Engineering Society's financial affairs. However to be a good treasurer, one must involve oneself in as many of the Society's affairs as possible. Gregory Dow seeks the position of Treasurer for both of the above reasons. While willing to **donate his time to the upkeep of the Society's records**, he **participates in many other facets of Engineering life**. Greg is a first year rep for the mech club and an *active* member of the non-existent BFC. Besides organizing the notorious Flrosh caper, Greg spent two years on his high school's Athletic Association (one of them as an executive). All of these experiences have furnished him with the necessary organizational skills wanted in a Treasurer. Electing Gregory as Treasurer will allow him to gain considerable exper-

ience which can be passed on to the future.

Alla Linetsky
Secretary

The Secretary's duties include keeping accurate records of the Society's meetings and events. **Therefore, the secretary must be very involved in the Eng. Soc.'s activities.** During the past two years, Alla, a Mech 8T5 student, has been an active member of the Society. Even in summer, between her first and second years, she took part in organizing Orientation events, Shinerama and the Homecoming Parade. During the school year, she is a member of the Women in Engineering, the High School Liaison and the Blue and Gold Committees. Last spring, Alla was in the cast of Skule Nite 8T2, and plans to act in Skule Nites of later years. She has also helped out with the Toike Oike and works at all Engineering pubs. Thus, Alla's interest in the Eng. Soc.'s activities would make her an excellent choice for Secretary of the Society.

As members of the Engineering Society, it is your responsibility to elect an executive that can fulfil the social and academic needs of the students. All of these individuals can meet the task. On March 10th and 11th, elect Barry Levine, Andrew Alberti, Peter Watler, Greg Dow and Alla Linetsky, the team with experience and spirit.

Elections

Mar. 10, 11

Ron McKenzie Makes an Independent Bid for President

The McKenzie Alternative

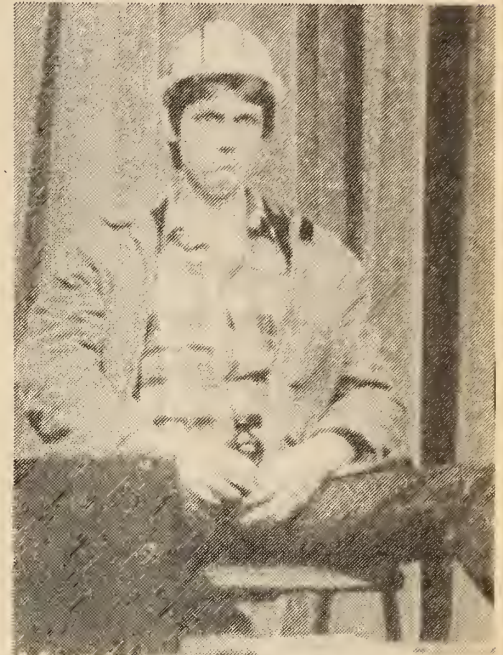
Good day, eh!

Congratulations to the Levin administration for providing engineering students with a terrific year. They have stayed on top of many issues affecting students (computer facilities, the sexual harassment guidelines) both social and academic. The foundation has been established for excellent student representation in all aspects of the Faculty. This is something we can be proud of and must be continued in the coming years.

During these tough economic times when the Faculty is faced with extensive shortages and cutbacks, it requires a constant effort on behalf of the leaders of the society to enforce the needs of the undergraduate community. This is a job which requires a tough, dedicated individual who does not back

down from a challenge.

I'm running for the position of President because I feel I can provide the leadership and proper representation which this Faculty needs. I believe in good personal contact with all individuals of the Faculty. This enables the President to get feedback from the society and thus fast implementation of the needs can be brought to action. My past experience as an active member of the Faculty Council, Eng. Soc., various social events (Prof. Dev., High School Liaison, Orientation), various social events (D.J. for Engineering, Pharmacy and Commerce pubs), intramural sports (rugby, broomball) and Skule Nite (shown above) shows my ability as a good organizer and a well-developed communicator. With these abilities and my unbound

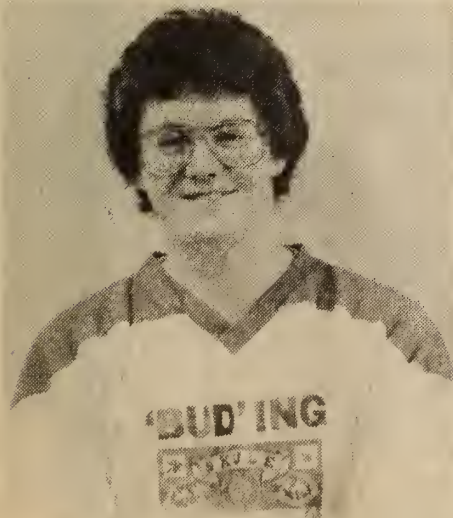


Ron McKenzie

enthusiasm, I've got what it takes to represent the Engineering Society.

Experience and Innovation

The Vice-President Activities of the Engineering Society is responsible for planning and carrying out the activities of the society in conjunction with the



Bruce Christie

Eng. Soc. committee chairmen. Bruce Christie has both the experience necessary to carry out large scale activities, and the willingness to find out what other activities you want and to present them for you.

Bruce Christie was the Chairman of the Engineering Society Social Committee over the past year and ran the Engineering Roamaround Pub, Oktoberfest, the Marathon, and the Cannonball. In an effort to present you with new activities, he brought you the Cannon Cruise, and ran Bockfest, both of which were enjoyed by all who attended.

Bruce Christie has been active in the Engineering Communications dept., the Blue and Gold Committee, the L.G.M.B. and the B.F.C. He also has

experience with budgeting and kept the Social Committee under budget this year.

In the coming year, with Bruce Christie as V.P. Activities, you can look forward to large scale pubs as before and also more new events. Within one month of the election, he will circulate a questionnaire to all engineering students, asking what type of events you want, and he will organize them. Too often in the past, the V.P. Activities has been concerned solely with pubs. With Bruce Christie as V.P. Act., pubs will remain a priority but you can also count on getting a greater variety of events.

On March 10, 11 elect someone who will listen to you; vote for Bruce Christie, Vice President Activities.


a thinly disguised attempt at censorship of the worst sort. They want us to dump the Toike or else turn it into a dull, boring comic book. This proposal has the support of people like Cathy Laurier and Susan Prentice, who seem to forget that all the arguments that can be used against the Toike can also be used against the Women's Newsmagazine and other campus publications. Well, this kind of attack, veiled or otherwise, on one of the fine traditions of Skule must be met forcefully on Governing Council. I will meet the challenge on our behalf. Besides, after the Toike, what will be next? Skule Nite? Godiva Week? The L.G.M.B.?

This September, students at Queen's University will be required to sign a form promising not to "behave in a manner that will tend to bring the reputation of the university into disrepute" on campus or off. This has created quite a furor on the Queen's campus and even made the front page of the Globe and Mail last week. There is a similar plan, called the Non Academic Code of Behaviour, afoot at Simcoe Hall which will, if carried out, enable Simcoe Hall to govern our behaviour similarly. This code, albeit still in the planning stages, has serious implications for all of us at the U. of T. but especially for Skulemen and women. Need I mention BFC capers and raids, unscheduled traffic stoppages during Orientation, etc. A great deal of activity traditionally associated with university life is in jeopardy and because of this, it is vital to have a voice on Governing Council next year who is familiar with the implications of this code of behaviour.

I want to be that voice — your voice! I want to ensure that our concerns and views are put before Simcoe Hall and the SAC board on which the student governors sit. Thus, both the Administration and SAC will be aware and will be kept aware of their need to act on our concerns.

So, for those of you who know me and believe that I can represent them well, I ask for your vote when you receive your ballots. For those who have questions or do not know me, ask around. Find out who I am and whether I can do the job. I am sure you will find out that I can. Last year as First year chairman and this year as Blue and Gold chairman has given me an insight into the Engineering Society and the university administration. I am not perfect but I have the courage of my convictions to

speak up on the issues. All I need is your support in the form of votes here in Engineering, your influence on your friends in the other professional faculties to vote for me and then constant communication to ensure that our special concerns and needs in the professional faculties are always kept fresh in the minds of the members of Governing Council so that decisions on student affairs — academic and non-academic — are informal decisions. So when you receive your ballot, vote for Alan 'Dad' Kasperski.



the
**Engineering
 Society
 Presents**

Cockburn Professor of
 Engineering Design

Dr. D.W. Hoeppner

to speak at the
**Sandford Fleming
 1105**
 12:15 p.m.
 Tuesday March 15th
 A question period will follow

Jock Talk

Engineering Athletics

Election fever has not eluded the Engineering Athletic Association. The President of the E.A.A. is voted in with the rest of the Eng. Soc. executive, however this year the only candidate was Judith Vosko (but what a candidate!). You will read more about Judith later on. Other positions are outlined below. If you are interested please fill out an application and leave in this year's President's box in the Eng. Soc.

offices. The deadline is Friday March 18th.

Secretary treasurer:

This person is responsible for balancing the EAA books, filling out cheque requisitions, and keeping current minutes of all meetings.

Director of Publicity:

Responsible for writing articles for the faculty newspapers, making up occasional displays, posting schedules and co-ordinating the photo schedule

for the yearbook. Posters for the individual sports are the responsibility of the commissioners.

Directors of Men's and Women's Athletics:

Responsible for keeping in touch with the Intramural council and the standing committees. They are the main representatives at the Interfaculty level for Engineering.

Director of Tournaments:

Responsible for organizing tournaments between engineering disciplines and other schools.

Commissioners:

Each sport has a commissioner who is responsible for attending all EAA meetings, putting up posters, entering Interfaculty teams and attending all standing committee meetings for their sport. There is a commissioner for both the women's and men's sport. It is helpful if you have played the sport but not a requirement.

Equipment manager:

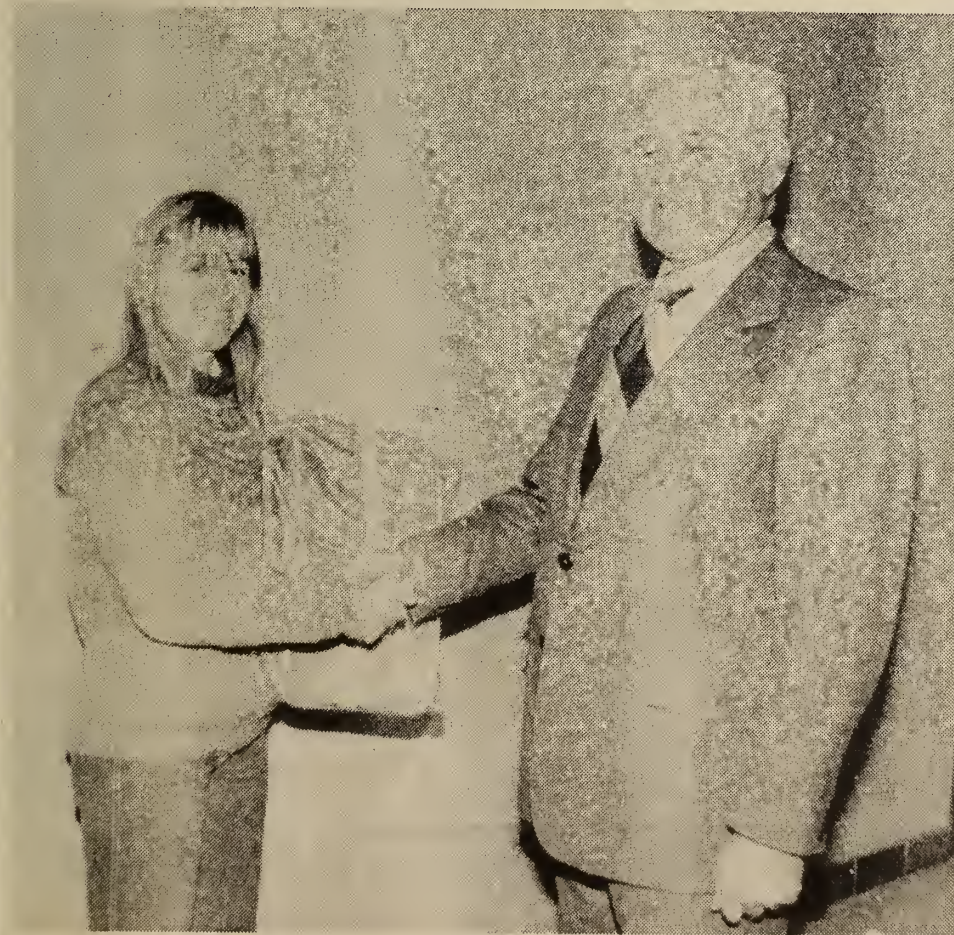
This person shall be responsible for the purchasing and distribution of all equipment. It shall be also be their duty to set up a new inventory system. They must be on hand during all lunch hours during the season to distribute equipment. There will be a financial honorarium given to this person at the end of the year.

Vosko:

EAA Prez

Judith Vosko is a member of the Eng Sci 8T4 class and a candidate for the presidency of the Engineering Athletic Association (E.A.A.) for 1983-1984. She has been involved in many of the Engineering interfaculty teams and co-ed recreational leagues since entering first year.

Athlete of the Month



Janet Porter is seen above receiving her Athlete of the Month Award from an alumni representative. Janet is a first year Engineering Science student. She has been an essential point-scoring member of the Skule soccer, basketball and hockey teams. We also hear she has a strong set of lungs which she uses to play the tuba for the BNAD!. Congratulations Janet!

The good things never change.



Ex. Keeps on tasting great.